

CENTRALIZED BANDWIDTH MANAGEMENT METHOD AND APPARATUS

ABSTRACT OF DISCLOSURE

Disclosed is an apparatus and method for granting
5 guaranteed bandwidth between one or more data transmission
priority requesting sources and one or more resources upon
request. Data sources that do not request an assigned bandwidth
are served on a "best efforts" basis. The system allows
additional bandwidth to priority requesting sources when it is
10 determined that the resource and/or the communication path to
the resource is under-utilized. The system further allows the
granted bandwidth to be shared by more than one source in a
multiprocessor system.